

**REMARKS**

Claims 1-27 remain pending in the application. The Board of Patent Appeals and Interferences (BPAI) sustained the rejection of claims 19-27 and reversed the rejection of claims 1-12 and 14-18. In light of the BPAI's decision, Applicants have amended claims 19-27 and respectfully requests reconsideration of claims 19-27 in light the amendments and remarks presented herein.

**Claim Rejections under 35 U.S.C. § 103**

Claims 19, 20, 22, 26 and 27 were rejected under 35 U.S.C § 103 as being unpatentable over US Patent No.: 6,335,933 to Mallory in view of US Patent No.: 5,446,759 to Campana.

Claims 19, 20, 22, 26 and 27 have been amended to recite "a plurality of signal instances (symbol streams) from a plurality of respective signal sources". Support for this amendment may be found throughout the specification including paragraph 1043. Claims 19-27 also require "forming at least one combined message".

The BPAI held that both Mallory and Campana fail to disclose combining a plurality of received transmissions from a plurality of signal sources to recover a message. (BPAI Decision, Page 8 Lines 12-19). Accordingly, Applicant submits that claims 19-27 as amended are patentable over Mallory in view of Campana.

Claims 21, 24 and 25 were rejected under 35 U.S.C § 103 as being unpatentable over Mallory in view of Campana and further in view of U.S. Patent No.: 5,920,553 to Keskitalo. Claim 23 was rejected under 35 U.S.C § 103 as being unpatentable over Mallory in view of Campana and further in view of U.S. Patent No.: 6,286,122 to Alanara.

Claims 21 and 23-25 depend from claim 19. Keskitalo and Alanara fail to cure the deficiencies of Campana and Mallory making the claims 21 and 23-25 patentable for the same reasons as claim 19.

### Conclusion

In light of the foregoing remarks, Applicant respectfully submits that the application is in condition for allowance, for which early action is requested. Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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